

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 B26B19/10

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 B26B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	AT 6 076 U (PAYER LUX ELEKTROPROD) 25 April 2003 (2003-04-25) page 8, paragraph 1-3; figures 1-4	1
A	US 6 317 982 B1 (ANDREW MICHAEL A) 20 November 2001 (2001-11-20) cited in the application abstract; figures 12-14	1
A	US 4 393 585 A (NAGELKERKE PETRUS J J) 19 July 1983 (1983-07-19) column 2, line 29 - column 3, line 11; figures 1-3	1
A	US 3 950 847 A (DUDA HERBERT) 20 April 1976 (1976-04-20) column 3, lines 4-27; figures 1,2	1



Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

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X document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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Date of the actual completion of the International search

15 November 2004

Date of mailing of the International search report

23/11/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel. (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Rattenberger, B

Patent document cited in search report		Publication date		Patent family member(s)		Publication date
AT 6076	U	25-04-2003	AT	6076	U1	25-04-2003
US 6317982	B1	20-11-2001	AU	775779	B2	12-08-2004
			AU	4867500	A	26-04-2001
			BE	1013207	A3	02-10-2001
			CA	2317852	A1	22-04-2001
			CN	1304823	A	25-07-2001
			DE	10053396	A1	26-04-2001
			ES	2176100	A1	16-11-2002
			FR	2800002	A1	27-04-2001
			GB	2355426	A , B	25-04-2001
			HK	1037868	A1	05-07-2002
			IE	20000645	A1	02-05-2001
			IT	MI20002114	A1	29-03-2002
			JP	2001129272	A	15-05-2001
			NL	1016289	C2	28-09-2001
			NZ	506166	A	30-11-2001
			SE	519226	C2	04-02-2003
			SE	0003638	A	23-04-2001
			ZA	200003616	A	07-02-2001
US 4393585	A	19-07-1983	NL	8003670	A	18-01-1982
			AT	386786	B	10-10-1988
			AT	275581	A	15-03-1988
			CA	1160440	A1	17-01-1984
			CH	653944	A5	31-01-1986
			DE	3124186	A1	01-04-1982
			ES	8204634	A1	16-08-1982
			FR	2485428	A1	31-12-1981
			GB	2078592	A , B	13-01-1982
			IT	1136885	B	03-09-1986
			JP	1597475	C	28-01-1991
			JP	2020268	B	08-05-1990
			JP	57031887	A	20-02-1982
US 3950847	A	20-04-1976	AT	324163	B	25-08-1975
			CA	1015938	A1	23-08-1977
			DE	2432859	A1	30-01-1975
			FR	2236621	A1	07-02-1975
			GB	1479006	A	06-07-1977
			JP	1061110	C	31-08-1981
			JP	50031957	A	28-03-1975
			JP	56000070	B	06-01-1981